



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/743,975
Filing Date	12/23/2003
First Named Inventor	Davydova et al.
Art Unit	
Examiner Name	
Attorney Docket Number	EPICEN-09587

Sheet 1 of 7

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AMB	1	US- 6,221,603	04/24/2001	Mahtani	whole document
	2	US- 5,021,335	06/04/1991	Tecott, et al.	whole document
	3	US- 5,168,038	12/01/1992	Tecott, et al.	whole document
	4	US- 5,545,522	08/13/1996	Van Gelder, et al.	whole document
	5	US- 5,514,545	05/07/1996	Eberwine	whole document
	6	US- 5,716,785	02/10/1998	Van Gelder, et al.	whole document
	7	US- 5,891,636	04/06/1999	Van Gelder, et al.	whole document
	8	US- 5,958,688	09/28/1999	Eberwine, ET AL.	whole document
	9	US- 6,291,170	09/18/2001	Van Gelder, et al.	whole document
	10	US- 5,130,238	07/14/1992	Malek, et al.	whole document
	11	US- 5,194,370	03/16/1993	Berninger, et al.	whole document
	12	US- 5,399,491	03/21/1995	Kacian, et al.	whole document
	13	US- 5,409,818	04/25/1995	Davey, et al.	whole document
	14	US- 5,437,990	08/01/1995	Burg, et al.	whole document
	15	US- 5,466,586	11/14/1995	Davey, et al.	whole document
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	17	US- 5,665,545	09/09/1997	Malek, et al.	whole document
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AMB	19	US- 6,090,591	07/18/2000	Burg, et al.	whole document

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AMB	20	WO 00/75356	12/14/2000	LIN, et al.	whole document	
	21	WO 02/065093	08/22/2002	GINSBERG, et al	whole document	
	22	WO 89/06700	07/27/1989	MILLER, et al.	whole document	
	23	WO 91/18155	11/28/1991	JACOBSEN, et al	whole document	
	24	EP 0427073	05/15/1991	Dattagupta, et	whole document	
AMB	25	EP 0427074	05/15/1991	Dattagupta, et	whole document	

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Amb	26	US- 6,100,024	08/08/2000	Hudson et al.	whole document
	27	US- 6,410,276	06/25/2002	Burg et al.	whole document
	28	US- 4,883,750	11/28/1989	Whiteley et al.	whole document
	29	US- 5,242,794	09/07/1993	Whiteley et al.	whole document
	30	US- 5,521,065	05/28/1996	Whiteley et al.	whole document
	31	US- 5,962,223	10/05/1999	Whiteley et al.	whole document
	32	US- 6,054,266	04/25/2000	Kronick et al.	whole document
	33	US- 4,988,617	01/29/1991	Landegren et al.	whole document
	34	US- 5,866,337	02/02/1999	Schon	whole document
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	36	US- 5,686,272	11/11/1997	Marshall et al.	whole document
	37	US- 5,869,252	02/09/1999	Bouma et al.	whole document
	38	US- 5,494,810	02/27/1996	Barany et al.	whole document
	39	US- 5,830,711	11/03/1998	Barany et al.	whole document
	40	US- 6,054,564	04/25/2000	Barany et al.	whole document
	41	US- 6,027,889	02/22/2000	Barany et al.	whole document
	42	US- 6,268,148	07/31/2001	Barany et al.	whole document
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Amb	44	US- 5,912,148	06/15/1999	Eggerding	whole document

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Amb	45	WO 02/16639	02/28/2002	Sagawa et al.	whole document	
J	46	WO 00/56877	09/28/2000	Mukai et al.	whole document	
	47	WO 00/28082	05/18/2000	Notomi et al.	whole document	
	48	WO 00/11160	02/03/2000	Ellis et al.	whole document	
d	49	WO 02/11447	02/07/2002	SOUNDARARAJAN	whole document	
Amb	50	WO 92/01813	02/06/1992	Ruth et al.	whole document	

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AMB	51	US- 6,130,073	10/10/2000	Eggerding	whole document
	52	US- 6,245,505	06/12/2001	Todd et al.	whole document
	53	US- 5,427,930	06/27/1995	Birkenmeyer et al.	whole document
	54	US- 5,792,607	08/11/1998	Backman et al.	whole document
	55	US- 5,679,524	10/21/1997	Nikiforov et al.	whole document
	56	US- 5,952,174	09/14/1999	Nikiforov et al.	whole document
	57	US- 6,025,139	02/15/2000	Yager et al.	whole document
	58	US- 6,355,431	03/12/2002	Chee et al.	whole document
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	61	US- 5,807,674	09/15/1998	Tyagi	whole document
	62	US- 6,344,329	02/05/2002	Lizardi	whole document
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	66	US- 6,329,150	12/11/2001	Lizardi et al.	whole document
	67	US- 6,143,495	11/07/2000	Lizardi et al.	whole document
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AMB	70	WO 89/09835	10/19/1989	Orgel	whole document	
	71	EP 0329822 B1	06/08/1994	Davey et al.	whole document	
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	73	EP 0246864 B2	07/13/1994	carr et al.	whole document	
	74	EP 0320308 A2	11/03/1988	Backman et al.	whole document	
AMB	75	EP 0320308 B1	11/03/1988	Backman et al.	whole document	

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AMB		US- 5,426,180	06/20/1995	Kool	whole document
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	77	US- 5,714,320	02/03/1998	Kool	whole document
	78	US- 5,683,874	11/04/1997	Kool	whole document
	79	US- 5,872,105	02/16/1999	Kool	whole document
	80	US- 6,077,668	06/20/2000	Kool	whole document
	82	US- 6,096,880	08/01/2000	kool	whole document
	83	US- 6,368,802	04/09/2002	Kool	whole document
	84	US- 5,648,245	07/15/1997	Fire et al.	whole document
	85	US- 6,274,320	08/14/2001	Rothberg et al.	whole document
	86	US- 6,323,009	11/27/2001	Lasken et al.	whole document
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	88	US- 6,221,603	04/24/2001	Mahtani	whole document
		US-			
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		Country Code <sup>3</sup> Number * Kind Code <sup>5</sup> (if known)				
AMB	89	EP 0336731 B1	05/11/1994	Wallace	whole document	
	90	EP 0357336 A2	10/05/1994	Ullman et al.	whole document	
	91	EP 0439182 A2	04/24/1996	Backman et al.	whole document	
	92	EP 0439182 A2	04/24/1996	Backman et al.	whole document	
	93	JP4262799 ABSTRACT ONLY	09/18/1992	Aono et al.	whole document	
AMB	94	JP4304900 ABSTRACT ONLY	10/28/1992	Aono et al.	whole document	

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A-D	95	Murakawa et al., DNA 7:287-295, 1988	
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	99	Van Gelder et al., PNAS 87:1663-1667, 1990	
	100	Eberwine et al., Proc. Natl. Acad. Sci. USA 89:3010-3014, 1992	
	101	Kwoh et al., Proc. Natl. Acad. Sci. USA 86:1173, 1989	
	102	Fahy et al, In: PCR Methods and Applications, pp. 25-33, 1991	
	103	Prakash, G. and Kool, E., J. Am. Chem. Soc. 114: 3523-3527, 1992	
A-B	104	Daubendiek, S.L. et al., J. Am. Chem. Soc. 117: 7818-7819, 1995	

Examiner Signature	<i>A n R</i>	Date Considered	7/11/07
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**NON PATENT LITERATURE DOCUMENTS**

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Ans	105	Liu, D. et al., J. Am. Chem. Soc. 118: 1587-1594, 1996	
	106	Daubendiek, S.L. and Kool, E.T., Nature Biotechnol., 15: 273-277, 1997	
	107	Diegelman, A.M. and Kool, E.T., Nucleic Acids Res., 26: 3235-3241, 1998	
	108	Diegelman, A.M. and Kool, E.T., Chem. Biol., 6: 569-576, 1999	
	109	Diegelman, A.M. et al., BioTechniques 25: 754-758, 1998	
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	111	Kool, E.T., Acc. Chem. Res., 31: 502-510, 1998	
	112	Falco, et al., Proc. Natl. Acad. Sci. (USA) 75:3220-3224, 1978	
	113	Glucksmann-Kuis, et al., Cell, 70, 491-500, 1992	
Ans	114	Fire, A. and Xu, S-Q, Proc. Natl. Acad. Sci. USA, 92: 4641-4645, 1995	

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EPICEN-09587

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	116	Nilsson et al., Nucleic Acids Res., 30 (14): e66, 2002	
	117	Pickering et al. Nucleic Acids Res., 30 (12): e60, 2002	
	118	Haynes, et al., Cell 41:597-605, 1985	
	119	Falco, et al., J. Biol. Chem. 255:4339-4347, 1980	
	120	Glucksmann-Kuis, et al., Cell 84:147-154, 1996	
	121	Dai et al., Genes Devepmnt. 12:2782-2790, 1998	
	122	Davidova, EK and Rothman-Denes, LB, Proc. Natl. Acad. Sci. USA 100:9250-9255, 2003	
	123	Baner, J et al., (Nucleic Acids Research, 26:5073-5078, 1998	
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